

STIC Database Tracking Number: 293807

To: Bijendra K. Shrestha
Location: KNX 4A61
Art Unit: 3691
Date: 04/28/2009
Case Serial Number: 10/809662

From: Heidi Myers
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Search Notes

10/809662
AUTOMATIC BILLING EVENT SUBMISSION RECONCILIATION FOR ON DEMAND SYSTEMS

Dear Examiner Shrestha:

Please find attached the results of your search for the above-referenced case.

Whenever your case appeared in the results, I highlighted it in yellow. Two *potential* references of interest I highlighted in green. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

**EIC-Searcher identified "potential references of interest" are selected based upon their apparent relevance to the terms/concepts provided in the examiner's search request.*

I.	INVENTOR SEARCH RESULTS FROM DIALOG.....	3
II.	TEXT SEARCH RESULTS FROM DIALOG	10
A.	Patent Files, Abstract	10
B.	Patent Files, Full-Text	23
III.	TEXT SEARCH RESULTS FROM DIALOG.....	30
A.	NPL Files, Abstract	30
B.	NPL Files, Full-text.....	38
IV.	ADDITIONAL RESOURCES SEARCHED	44

I. Inventor Search Results from Dialog

Patent Files

File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.
File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)
(c) 2009 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=200925
(c) 2009 Thomson Reuters
File 324:GERMAN PATENTS FULLTEXT 1967-200917
(c) 2009 UNIVENTIO/THOMSON
File 349:PCT FULLTEXT 1979-2009/UB=20090416|UT=20090409
(c) 2009 WIPO/Thomson
File 348:EUROPEAN PATENTS 1978-200916
(c) 2009 European Patent Office

Set	Items	Description
S1	5	AU=(SIKSA M? OR SIKSA, M? OR SIKSA (2N) (M OR MARY))

1/5/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2009 JPO & JAPIO. All rts. reserv.
06471379 **Image available**
SYSTEM AND METHOD HAVING REINFORCED FUNCTION
PUB. NO.: 2000-056954 [JP 2000056954 A]
PUBLISHED: February 25, 2000 (20000225)
INVENTOR(s): **SIKSA MARY ELLEN**
POTHOVEN STEVEN
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.: 11-201112 [JP 99201112]
FILED: July 15, 1999 (19990715)
PRIORITY: 119427 [US 98119427], US (United States of America), July 20,
1998 (19980720)
INTL CLASS: G06F-009/06; G06F-003/14

ABSTRACT

PROBLEM TO BE SOLVED: To support speedy graphical user interface development in object-oriented environment wherein subclass generation is insufficient by judging which of control enhancers is called to process a received event.

SOLUTION: Respective GUI(Graphical User Interface) controls 111 in a window 100 are assigned to plural control enhancers 112. Events are passed to those control enhancers 112 according to a control enhancer list 110 and the respective control enhancers 112 and events are registered in the control enhancer list 110. Then the window 100 once receiving an event passes the event to the control enhancer list 110, which calls a registered control enhancer 112 and stores it in a data storage handler 115.

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1/5/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015338858 - Drawing available

WPI ACC NO: 2005-689111/200571

XRFX Acc No: N2005-565599

Resource consumption record reconciling method e.g. for electric power, involves aggregating resource consumption records into business records at target site after reconciling records between consumption site and target site

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: SIKSA M E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050216396	A1	20050929	US 2004809662	A	20040325	200571 B

Priority Applications (no., kind, date): US 2004809662 A 20040325

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050216396	A1	EN	14	7	

Alerting Abstract US A1

NOVELTY - The method involves collecting and recording resource consumption at resource consumption sites. The records of resource consumption are reconciled between the resource consumption sites and target site. The reconciled records are aggregated into aggregate business records of resources consumption at the target file.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.processor system; and
- 2.signal bearing medium storing program to reconcile records of resources consumption.

USE - For reconciling consumption records of resource e.g. electrical power, into business records at target companies such as coal fired company, gas fired company, hydroelectric company and wind turbine company. Also applicable for resource such as heavy hydrocarbons like asphalt, tar, etc., liquid products like petrol, diesel fuel, kerosene, etc., gaseous hydrocarbons like methane, ethane, etc.

ADVANTAGE - Reconciles feeder records to billing system records.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart showing data collection, data reconciliation and charge data consolidation processes.

Title Terms/Index Terms/Additional Words: RESOURCE; CONSUME; RECORD; METHOD ; ELECTRIC; POWER; AGGREGATE; BUSINESS; TARGET; SITE; AFTER

Class Codes

International Classification (Main): G06F-017/60

ECLA: G06Q-010/00F, G06Q-030/00B

US Classification, Current Main: 705-039000

US Classification, Issued: 70539

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J07A; T01-N01D; T01-N02B1A; T01-S03

1/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0010971742 - Drawing available
WPI ACC NO: 2001-595540/200167
XREFX Acc No: N2001-443822

Framework for handling request for services in a client-server computing environment assigns request to right service-providing entity in server

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: SIKSA M E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6292824	B1	20010918	US 1998119483	A	19980720	200167 B

Priority Applications (no., kind, date): US 1998119483 A 19980720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6292824	B1	EN	9	2	

Alerting Abstract US B1

NOVELTY - The framework includes at least one request object for receiving service requests. A request flow handler obtains at least one agent object for handling the requests for services. An agent factory creates at least one agent object for handling services requests at the server in response to input from the request flow handler.

The framework further includes at least one trace agent. A registry element maintains agent identifier information about the agent.

DESCRIPTION - INDEPENDENT CLAIMS are included for a method for utilizing a framework.

USE - For client-server computer relationships.

ADVANTAGE - Facilitates rapid development and enhancement of client-server applications without requiring re-programming at the server. Allows specific function of new application to be implemented without the need for coding in new classes for those functions.

DESCRIPTION OF DRAWINGS - The figure shows the framework design.

Title Terms/Index Terms/Additional Words: FRAMEWORK; HANDLE; REQUEST;

SERVICE; CLIENT; SERVE; COMPUTATION; ENVIRONMENT; ASSIGN; RIGHT; ENTITY

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04L-0029/06 A I R 20060101

H04L-0029/06 C I R 20060101

ECLA: H04L-029/06

US Classification, Issued: 709202, 709203

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05A; T01-F07; T01-H07C5E; T01-H07C5S;

T01-J05B2; T01-M02A1B

1/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0009827167 - Drawing available
WPI ACC NO: 2000-118617/200011
XREFX Acc No: N2000-089904

System for providing enhanced functionality for handling each event of at least one event received by window object having a plurality of window controls

Patent Assignee: IBM CORP (IBM); INT BUSINESS MACHINES CORP (IBM)

Inventor: POTHOVEN S; **SIKSA M E**

Patent Family (5 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 977117	A2	20000202	EP 1999305330	A	19990705	200011 B
JP 2000056954	A	20000225	JP 1999201112	A	19990715	200021 E
KR 2000011602	A	20000225	KR 199927671	A	19990709	200102 E
KR 351535	B	20020910	KR 199927671	A	19990709	200316 E
US 7062773	B1	20060613	US 1998119427	A	19980720	200639 E

Priority Applications (no., kind, date): US 1998119427 A 19980720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 977117	A2	EN	12	4	
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 2000056954	A	JA	14		
KR 2000011602	A	KO		6	
KR 351535	B	KO			Previously issued patent KR 2000011602

Alerting Abstract EP A2

NOVELTY - A number of control enhancers is used, each providing an interface to a one specific control for the window object. A list of the control enhancers is provided for determining which of the number of control enhancers to invoke to handle the received event.

DESCRIPTION - INDEPENDENT CLAIMS are included for:

- 1.a method for providing enhanced functionality of window control in response to at least one event received at the window
- 2.a computer program product including program codes for performing the claimed method

USE - In computer user interactions such as graphical user interfaces.

ADVANTAGE - Allows building a GUI application in less time than it would take to write special code for each control function. Thus the programmer can develop a set of reusable tools specifically geared toward the special needs of a given application. Existing controls, whether native or enhanced by a compiler vendor or by a third party, could participate in the design as well.

DESCRIPTION OF DRAWINGS - The drawing illustrates a system in accordance with an embodiment of the present invention.

Title Terms/Index Terms/Additional Words: SYSTEM; ENHANCE; FUNCTION; HANDLE ; EVENT; ONE; RECEIVE; WINDOW; OBJECT; PLURAL; CONTROL

Class Codes

International Classification (Main): G06F-003/14
 International Classification (+ Attributes)
 IPC + Level Value Position Status Version
 G06F-0003/048 A I L R 20060101
 G06F-0003/14 A I F R 20060101
 G06F-0009/00 A I F B 20060101
 G06F-0009/06 A I L R 20060101
 G06F-0009/44 A I R 20060101
 G06F-0003/048 C I L R 20060101
 G06F-0003/14 C I F R 20060101
 G06F-0009/00 C I L B 20060101
 G06F-0009/06 C I L R 20060101
 G06F-0009/44 C I R 20060101
 ECLA: G06F-009/44G4W
 US Classification, Current Main: 719-329000; Secondary: 715-744000,
 715-762000, 715-803000, 717-101000
 US Classification, Issued: 719329, 715744, 715762, 715803, 717101
 File Segment: EPI;
 DWPI Class: T01
 Manual Codes (EPI/S-X): T01-F05D; T01-J12B1; T01-J20B1

1/5/5 (Item 1 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2009 European Patent Office. All rts. reserv.
 01115553
System and method for providing graphical user interface control enhancers
System und Verfahren zum Verschaffen von Verbesserungsroutinen für
graphische Benutzerschnittstellenkontrollen
Système et procédé pour fournir des routines d'amélioration pour les
éléments de commande d'une interface utilisateur graphique
 PATENT ASSIGNEE:
 International Business Machines Corporation, (200128), New Orchard Road,
 Armonk, NY 10504, (US), (Applicant designated States: all)
 INVENTOR:
Siksa , Mary Ellen, c/o IBM United Kingdom Ltd., Int. Prop. Law,
 Hursley Park, Winchester, Hampshire SO21 2JN, (GB)
 Pothoven, Steven, c/o IBM United Kingdom Ltd., Int. Prop. Law, Hursley
 Park, Winchester, Hampshire SO21 2JN, (GB)
 LEGAL REPRESENTATIVE:
 Litherland, David Peter (75471), IBM United Kingdom Limited Intellectual
 Property Department Hursley Park, Winchester, Hampshire SO21 2JN, (GB)
 PATENT (CC, No, Kind, Date): EP 977117 A2 000202 (Basic)
 EP 977117 A3 051102
 APPLICATION (CC, No, Date): EP 99305330 990705;
 PRIORITY (CC, No, Date): US 119427 980720
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): G06F-009/44

ABSTRACT EP 977117 A2
 A software application system and method aids in rapid graphical user
 interface (GUI) development in object-oriented development environments
 where sub-classing (buttons, list boxes, edit controls, etc.) provided by
 the compiler or a GUI toolkit are not appropriate. While the invention
 was motivated by the environment stated above, it can be used in any

object-oriented GUI programming environment. This invention provides a method for adding functionality to native controls including, but not limited to: initializing the control with data or other settings; retrieving data from the control; formatting the data; validating the data entered; storing validated data in files or databases; handling multiple controls to create the illusion of a single control; and, establishing relationships between controls. The inventive system and method comprises a set of building blocks referred to as control enhancers, each including a data storage, a data initializer, a data finalizer, and means for maintaining and acting upon control relationships between the control enhancer and other control enhancers for related controls.

ABSTRACT WORD COUNT: 164

NOTE: Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 051102 A3 Separate publication of the search report
 Application: 20000202 A2 Published application without search report
 Change: 060705 A2 Title of invention (French) changed: 20060705
 Change: 060705 A2 Title of invention (English) changed: 20060705
 Change: 060705 A2 Title of invention (German) changed: 20060705
 Change: 060215 A2 Title of invention (German) changed: 20060215
 Change: 060215 A2 Title of invention (English) changed: 20060215
 Change: 060215 A2 Title of invention (French) changed: 20060215

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200005	789
SPEC A	(English)	200005	3887
Total word count - document A			4676
Total word count - document B			0
Total word count - documents A + B			4676

NPL Files

File 610:Business Wire 1999-2009/Apr 28
 (c) 2009 Business Wire.
 File 613:PR Newswire 1999-2009/Apr 28
 (c) 2009 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2009/Apr 26
 (c) 2009 San Jose Mercury News
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 20:Dialog Global Reporter 1997-2009/Apr 28
 (c) 2009 Dialog
 File 9:Business & Industry(R) Jul/1994-2009/Apr 25
 (c) 2009 Gale/Cengage
 File 15:ABI/Inform(R) 1971-2009/Apr 25
 (c) 2009 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2009/Apr 07
 (c) 2009 Gale/Cengage
 File 148:Gale Group Trade & Industry DB 1976-2009/Apr 14
 (c) 2009 Gale/Cengage
 File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2009/Apr 02
 (c) 2009 Gale/Cengage
 File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 23
 (c) 2009 Gale/Cengage
 File 636:Gale Group Newsletter DB(TM) 1987-2009/Apr 07
 (c) 2009 Gale/Cengage
 File 624:McGraw-Hill Publications 1985-2009/Apr 28
 (c) 2009 McGraw-Hill Co. Inc
 File 626:Bond Buyer Full Text 1981-2008/Jul 07
 (c) 2008 Bond Buyer
 File 484:Periodical Abs Plustext 1986-2009/Apr W3
 (c) 2009 ProQuest
 File 47:Gale Group Magazine DB(TM) 1959-2009/Apr 17
 (c) 2009 Gale/Cengage
 File 268:Banking Info Source 1981-2009/Apr W2
 (c) 2009 ProQuest Info&Learning
 File 267:Finance & Banking Newsletters 2008/Sep 29
 (c) 2008 Dialog
 File 625:American Banker Publications 1981-2008/Jun 26
 (c) 2008 American Banker
 File 485:Accounting & Tax DB 1971-2009/Apr W3
 (c) 2009 ProQuest Info&Learning
 File 75:TGG Management Contents(R) 86-2009/Mar W5
 (c) 2009 Gale/Cengage
 File 139:EconLit 1969-2009/Apr
 (c) 2009 American Economic Association
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 Gale/Cengage
 File 474:New York Times Abs 1969-2009/Apr 28
 (c) 2009 The New York Times
 File 475:Wall Street Journal Abs 1973-2009/Apr 28
 (c) 2009 The New York Times
 File 35:Dissertation Abs Online 1861-2009/Mar
 (c) 2009 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2009/Apr 28
 (c) 2009 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb
 (c) 2009 The HW Wilson Co.
 File 256:TecInfoSource 82-2009/Feb
 (c) 2009 Info.Sources Inc
 File 2:INSPEC 1898-2009/Apr W1
 (c) 2009 Institution of Electrical Engineers
 File 553:Wilson Bus. Abs. 1982-2009/Apr
 (c) 2009 The HW Wilson Co
 File 103:Energy SciTec 1974-2009/Apr B1
 (c) 2009 Contains copyrighted material

Set	Items	Description
S1	0	AU=(SIKSA M? OR SIKSA, M? OR SIKSA (2N) (M OR MARY)) OR BY=SIKSA (2N) (M OR MARY)

No author matches.

II. Text Search Results from Dialog

A. Patent Files, Abstract

File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.
File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)
(c) 2009 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=200925
(c) 2009 Thomson Reuters

Set	Items	Description
S1	2127900	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-UID(1N)(PRODUCT?? OR FUEL??)(10N)(CONSUM?? OR CONSUMPTION OR USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2	21665	(RECONCIL? OR SETTLE?? OR SETTLEMENT?? OR RESOVL??? OR RE-SOLUTION?? OR BALANC???) (S)(RECORD OR RECORDS OR NOTICE OR NO-TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3	1298	S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4	64696	(NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-ARN??? OR INFORM???) (S)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR -INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCIES OR CORRUPT???)
S5	255650	FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION)(5N)(LINE OR L-INES) OR POWERLINE??
S6	546690	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY)(5N)(LOCATION?? OR SITE OR SITES OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS)
S7	52987	(AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-LECT???? OR AMASS????) (S)(RECORD OR RECORDS OR NOTICE OR NO-TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8	400468	(COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-Z? OR ANALYS? OR MEASUR?) (S)(TOTAL OR TOTALS OR NUMBER OR NUM-BERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9	182	S1 AND S3
S10	34	S9 AND IC=(G06F-017/60 OR G06F-0017/60)
S11	27	S9 AND MC=(T01-J07A OR T01-N01D OR T01-N02B1A OR T01-S03)
S12	4	S1 AND S3 AND S4
S13	12	S3 AND S4 AND (S5 OR S6 OR S7 OR S8)
S14	7	S3 AND S6 AND S7
S15	17	S13 OR S14
S16	7	S15 AND IC=G06F
S17	8	S15 AND DC=T01
S18	64	S10:S12 OR S16 OR S17
S19	8	S10 AND S11
S20	47	S10 OR S12 OR S16 OR S17 OR S19
S21	33	S20 AND AY=1900:2004
S22	33	IDPAT (sorted in duplicate/non-duplicate order)
S23	33	IDPAT (primary/non-duplicate records only)

23/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015848150 - Drawing available

WPI ACC NO: 2006-045879/200605

XRPX Acc No: N2006-039384

Financial transaction method for settlement of electricity bill, involves transmitting payment information obtained from bill, to host provider for settlement of bill by referring to customer's bank account

Patent Assignee: ZAIR K (ZAIR-I)

Inventor: ZAIR K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050278250	A1	20051215	US 2004864370	A	20040610	200605 B

Priority Applications (no., kind, date): US 2004864370 A 20040610

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20050278250	A1	EN	9	1		

Alerting Abstract US A1

NOVELTY - The method involves receiving customer information and a bill from a customer (100), at an agent computer system (106). The bill is scanned and processed to obtain the information for paying a creditor (103) such as utility company. The payment information is transmitted to a host provider (104) for settlement of the bill by referring to the bank account of customer.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.apparatus for performing financial transaction;
- 2.computer system for performing financial transaction; and
- 3.computer readable medium storing program for performing financial transaction.

USE - For performing financial transaction for settlement of **utility** bill such as **electricity**, **gas** or **telephone** bill.

ADVANTAGE - Scans customer bills electronically irrespective of the different layouts of **each bill**, **automatically** and formats the payment information efficiently, **for appropriate settlement**.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of a computerized transaction processing system.

- 100 customer
- 103 creditor
- 104 host provider
- 105 scanner
- 106 agent computer system

Title Terms/Index Terms/Additional Words: FINANCIAL; TRANSACTION; METHOD; SETTLE; ELECTRIC; BILL; TRANSMIT; PAY; INFORMATION; OBTAIN; HOST; REFER; CUSTOMER; BANK; ACCOUNT

Class Codes

International Classification (Main): **G06F-017/60**

ECLA: G06Q-020/00K1, G06Q-020/00K2B, G06Q-020/00K3C, G06Q-030/00B

US Classification, Current Main: 705-039000

US Classification, Issued: 70539
File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-C06; T01-J10B2A; T01-N01A1; **T01-S03** ; T05-L02

23/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0015814223 - Drawing available
WPI ACC NO: 2006-370281/200638
System for offering frequent deposit/withdrawal and automatic transfer service allowing settlement service using earning stock account
Patent Assignee: SAMSUNG SECURITIES CO LTD (SMSU)
Inventor: HWANG Y K

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2005035543	A	20050419	KR 200370454	A	20031010	200638 B
KR 585018	B1	20060530	KR 200370454	A	20031010	200913 E

Priority Applications (no., kind, date): KR 200370454 A 20031010

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2005035543	A	KO		1	
KR 585018	B1	KO		1	Previously issued patent KR 2005035543

Alerting Abstract KR A

NOVELTY - A system for offering a frequent deposit/withdrawal and **automatic transfer service** allowing a **settlement service using an earning stock account** is provided to **automatically** buy earning stock without a separate request if money is deposited to the earning stock account through deposit or salary transfer of a user, and pay the money through automatic repurchase of the earning stock if withdrawal is requested.

DESCRIPTION - A security cooperation computer(100) stores earning stock **account** information of each user and **automatically** buys the earning stock with the money inputted to the earning stock account if deposit data is received. If withdrawal data or automatic transfer request data is inputted, the security cooperation computer withdraws the money by automatically repurchasing the earning stock in case that balance is short. A cooperated bank server(200) has a virtual account linked with the earning stock account of a security cooperation, and informs the user of a deposit result or pays the money based on control of the security cooperation computer after outputting deposit/withdrawal data according to manipulation of the user to the security cooperation computer.

Title Terms/Index Terms/Additional Words: SYSTEM; OFFER; FREQUENT; DEPOSIT; WITHDRAW; AUTOMATIC; TRANSFER; SERVICE; ALLOW; SETTLE; STOCK; ACCOUNT

Class Codes

International Classification (Main): **G06F-017/60**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0040/00 A I F R 20060101

G06Q-0040/00 C I F R 20060101

File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2F; T01-N02A3C; T05-L02

23/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0015420891 - Drawing available
WPI ACC NO: 2005-767606/200578
XRPX Acc No: N2005-633780

Legal expenses track and approval method in legal budgeting system,
involves validating approval invoice amount, by comparing budgeted amount
with invoice amount and reconciling approval amount with recorded amount
Patent Assignee: ABBOTT P H (ABBO-I); AMONE C K (AMON-I); HUSSEY P A
(HUSS-I); NARAYANAN G (NARA-I); OBRIEN-GILBERT P (OBRI-I); PEARSON J
(PEAR-I); RAMASWAMY P (RAMA-I)
Inventor: ABBOTT P H; AMONE C K; HUSSEY P A; NARAYANAN G; OBRIEN-GILBERT P;
PEARSON J; RAMASWAMY P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050246274	A1	20051103	US 2004838000	A	20040503	200578 B

Priority Applications (no., kind, date): US 2004838000 A 20040503

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050246274	A1	EN	78	51	

Alerting Abstract US A1

NOVELTY - The approved invoice amount is validated, by comparing the budgeted amount created including the legal matter purchase order for legal work, with the invoice amount received with invoice data from the outside counsel for legal work. The approval amount paid to the counsel, is reconciled with the amount recorded in the sub-ledger accounting system of the business entity.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.network based system for tracking and approving legal expenses; and
- 2.computer program for tracking and approving legal expenses.

USE - For tracking and approving legal expenses incurred by business entity using legal budgeting system.

ADVANTAGE - Reduces the transaction cost for business entity and time.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the legal expenses track and approval process.

Title Terms/Index Terms/Additional Words: LEGAL; EXPENSE; TRACK; APPROVE;
METHOD; SYSTEM; VALID; INVOICING; AMOUNT; COMPARE; RECORD

Class Codes

International Classification (Main): **G06F-017/60**
ECLA: G06Q-030/00C
US Classification, Current Main: 705-040000
US Classification, Issued: 70540

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E; **T01-S03**

23/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015338858 - Drawing available

WPI ACC NO: 2005-689111/200571

XRPX Acc No: N2005-565599

Resource consumption record reconciling method e.g. for electric power
, involves aggregating resource consumption records into business
records at target site after reconciling records between consumption
site and target site

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: SIKSA M E

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050216396	A1	20050929	US 2004809662	A	20040325	200571 B

Priority Applications (no., kind, date): US 2004809662 A 20040325

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20050216396	A1	EN	14	7		

Alerting Abstract US A1

NOVELTY - The method involves collecting and recording resource consumption at resource consumption sites. The records of resource consumption are reconciled between the resource consumption sites and target site. The reconciled records are aggregated into aggregate business records of resources consumption at the target file.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.processor system; and
- 2.signal bearing medium storing program to reconcile records of resources consumption.

USE - For reconciling consumption records of resource e.g. electrical power, into business records at target companies such as coal fired company, gas fired company, hydroelectric company and wind turbine company. Also applicable for resource such as heavy hydrocarbons like asphalt, tar, etc., liquid products like petrol, diesel fuel, kerosene, etc., gaseous hydrocarbons like methane, ethane, etc.

ADVANTAGE - Reconciles feeder records to billing system records.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart showing data collection, data reconciliation and charge data consolidation processes.

Title Terms/Index Terms/Additional Words: RESOURCE; CONSUME; RECORD;
METHOD; ELECTRIC; POWER; AGGREGATE; BUSINESS; TARGET; SITE; AFTER

Class CodesInternational Classification (Main): **G06F-017/60**

ECLA: G06Q-010/00F, G06Q-030/00B

US Classification, Current Main: 705-039000

US Classification, Issued: 70539

File Segment: EPI;

DWPI Class: **T01**Manual Codes (EPI/S-X): **T01-J07A ; T01-N01D ; T01-N02B1A ; T01-S03****23/5/10 (Item 10 from file: 350)**

DIALOG(R)File 350;Derwent WPIX

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0014214568 - Drawing available

WPI ACC NO: 2004-400313/200437

XRPX Acc No: N2004-319100

Order acceptance/settling system claims financial institution to settle cost of purchase commodity according to order information received through facsimile

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID); HASEBE S (HASE-I);

KURODA M (KUROI-I); NISHIO M (NISH-I)

Inventor: HASEBE S; KURODA M; NISHIO M; NISHIO Y

Patent Family (6 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2004040493	A1	20040513	WO 2003JP13862	A	20031029	200437 B
JP 2004151992	A	20040527	JP 2002316282	A	20021030	200441 E
US 20060116889	A1	20060601	US 2005532665	A	20050427	200637 E
			WO 2003JP13862	A	20031029	
CN 1720543	A	20060111	CN 200380104757	A	20031029	200639 E
KR 2005061577	A	20050622	KR 2005707389	A	20050428	200641 E
			WO 2003JP13862	A	20031029	
JP 4207534	B2	20090114	JP 2002316282	A	20021030	200907 E

Priority Applications (no., kind, date): JP 2002316282 A 20021030

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004040493	A1	JA	47	8	
National Designated States,Original: CN KR US					
Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR					
GB GR HU IE IT LU MC NL PT RO SE SI SK TR					
JP 2004151992	A	JA	20		
US 20060116889	A1	EN			PCT Application WO 2003JP13862
KR 2005061577	A	KO			PCT Application WO 2003JP13862
					Based on OPI patent WO 2004040493
JP 4207534	B2	JA	20		Previously issued patent JP 2004151992

Alerting Abstract WO A1

NOVELTY - A service center (20) transmits order information received from a facsimile of buyer (12) to a facsimile of supplier (14), claims financial institution (40) to settle the cost of the purchase commodity or service according to order information, and transmits a report regarding settlement to the facsimile of buyer and supplier.

USE - For **automatically** accepting and **settling** order for purchase commodity and **service**, that is received through facsimile.

ADVANTAGE - The supplier need not have to send the account or to confirm the reception of the payment. The buyer need not have to confirm the account or to transfer the cost to the supplier's account. The settlement cost is less, system is simple and security is high.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the facsimile order acceptance/order settlement system. (Drawing includes non-English language text).

11buyer
12facsimile of buyer
13supplier
14facsimile of supplier
20facsimile order acceptance/order settling service center
40financial institution

Title Terms/Index Terms/Additional Words: ORDER; ACCEPT; SETTLE; SYSTEM; CLAIM; FINANCIAL; INSTITUTION; COST; PURCHASE; COMMODITY; ACCORD; INFORMATION; RECEIVE; THROUGH; FACSIMILE

Class Codes

International Classification (Main): **G06F-017/60**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00	A	I	F	B	20060101
G06Q-0020/00	A	I		R	20060101
G06Q-0030/00	A	I	F	B	20060101
G06Q-0030/00	A	I	L	B	20060101
G06Q-0030/00	A	I		R	20060101
G06Q-0040/00	A	I		R	20060101
G06Q-0050/00	A	I	L	B	20060101
G06Q-0050/00	A	I	L	R	20060101
G06Q-0099/00	A	I	F	B	20060101
G06Q-0020/00	C	I	F	B	20060101
G06Q-0020/00	C	I		R	20060101
G06Q-0030/00	C	I	F	B	20090101
G06Q-0030/00	C	I	L	B	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0040/00	C	I		R	20060101
G06Q-0050/00	C	I	L	B	20090101
G06Q-0050/00	C	I	L	R	20060101
G06Q-0099/00	C	I	L	B	20060101

ECLA: G06Q-020/00K1, G06Q-020/00K2B, G06Q-030/00B, G06Q-040/00A

US Classification, Current Main: 705-001000

US Classification, Issued: 7051

JP Classification

FI	Term	Facet	Rank	Type
G06F-017/60		ZEC		

G06F-017/60 318 G

F-Term	View Point	Additional
Theme + Figure		Code

5B049

File Segment: EPI;

DWPI Class: T01; W02

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; W02-J03C8; W02-J08

23/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0014161898 - Drawing available
WPI ACC NO: 2004-346905/200432
XREFX Acc No: N2004-277514

Automatic account tracking and balancing method for utility organization, involves creating discrepancy and settlement reports for each service provider based on calculated account receivable

Patent Assignee: OWEN E (OWEN-I); BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)

Inventor: OWEN E

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040073500	A1	20040415	US 2000728705	A	20001201	200432 B
US 7146332	B2	20061205	US 2000728705	A	20001201	200680 E

Priority Applications (no., kind, date): US 2000728705 A 20001201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040073500	A1	EN	12	4	

Alerting Abstract US A1

NOVELTY - A billing data file comprising customer account records with respect to a service provider, is submitted to a processing entity. The records are separated into several tracking data sets and total amount of account receivable in each data set is computed. A discrepancy report and settlement report are created for each service provider based on processed and pre-processed account receivables.

DESCRIPTION - An INDEPENDENT CLAIM is also included for **automatic account tracking and balancing** system.

USE - For **automatic account tracking and balancing** with respect to organization related to utilities, telecommunication, communication service provision, retail institutions and credit organization.

ADVANTAGE - Since processing entities performs **automatic account tracking**, manual errors are reduced.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart of **automatic account tracking and balancing** process.

Title Terms/Index Terms/Additional Words: AUTOMATIC; ACCOUNT; TRACK; BALANCE; METHOD; UTILISE; ORGANISE; DISCREPANCY; SETTLE; REPORT; SERVICE; BASED; CALCULATE; RECEIVE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00	A	I	R	20060101	
G06Q-0040/00	A	I	R	20060101	
G07B-0017/00	A	I	F	B	20060101
G06Q-0030/00	C	I	R	20060101	
G06Q-0040/00	C	I	R	20060101	
G07B-0017/00	C	I	F	B	20060101

ECLA: G06Q-030/00B, G06Q-040/00A

ICO: T04M-215:01K, T04M-215:52, T04M-215:54

US Classification, Current Main: 705-030000

US Classification, Issued: 70530, 70530

File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-J05A1; T01-J05A2; T01-J05B4P; T01-N01A1;
T01-N01A2A; T01-N03A2; T05-H05C; T05-L02

23/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0013901488 - Drawing available
WPI ACC NO: 2004-080913/200408
XRPX Acc No: N2004-064613
Online client account management method involves reconciling bank accounts of clients by administrators on daily basis, after comparing accounting information with information downloaded from bank's server

Patent Assignee: SECOLA A F (SECO-I)

Inventor: SECOLA A F

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030225638	A1	20031204	US 2002114444	A	20020528	200408 B

Priority Applications (no., kind, date): US 2002114444 A 20020528

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030225638	A1	EN	16	5		

Alerting Abstract US A1

NOVELTY - The generation of automatic call from an administrator's server, downloads an electronic file having accounts information of a client from a bank's server. The accounting information stored in the administrator's server, is compared with the downloaded information, and the results are displayed on the Internet, so that the bank accounts of the clients are reconciled on a daily basis by the administrators.

USE - For outsourcing accounting **services** through Internet, in business applications.

ADVANTAGE - Does not require employees, licenses, integration from client's side, and permits the user to access the application service provider without paying for the software.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the structure of cash summary module.

- 11 available balance
- 12 outstanding checks
- 14 undefined withdrawals(15) manual checks
- 17 deposit slips

Title Terms/Index Terms/Additional Words: CLIENT; ACCOUNT; MANAGEMENT; METHOD; BANK; DAILY; BASIS; AFTER; COMPARE; INFORMATION; SERVE

Class Codes

International Classification (Main): G06F-017/60

ECLA: G06Q-010/00F, G06Q-040/00A

US Classification, Current Main: 705-030000

US Classification, Issued: 70530

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2; **T01-N01D** ; T05-L02

23/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0012289890 - Drawing available
WPI ACC NO: 2002-230956/200229
XRPX Acc No: N2002-177715

Account settlement method involves determining whether settlement demand from portable telephone authenticates user's subscriber registration

Patent Assignee: SONY CORP (SONY)

Inventor: ASAMI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2001243382	A	20010907	JP 200051781	A	20000228	200229 B

Priority Applications (no., kind, date): JP 200051781 A 20000228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2001243382	A	JA	36	20		

Alerting Abstract JP A

NOVELTY - An accounts settlement demand is transmitted to a management device from a portable telephone. The management device settles accounts about payment to subscriber, when the received account settlement demand authenticates user's subscriber registration. The account settlement result is transmitted to the portable telephone from the management device.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Accounts settlement system;
- 2.Portable communication terminal

USE - For settlement-of-accounts for various **services such as** content delivery **service** , electronic mail **service** , automatic ticket reservation **service** , bank transfer **service** , etc . using the portable **telephone** .

ADVANTAGE - Accounts can be settled reliably, simply and correctly, using a portable **telephone** .

DESCRIPTION OF DRAWINGS - The figure shows the sequence flow diagram of accounts settlement method. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional Words: ACCOUNT; SETTLE; METHOD;

DETERMINE; DEMAND; PORTABLE; TELEPHONE; USER; SUBSCRIBER; REGISTER

Class Codes

International Classification (Main): **G06F-017/60**

(Additional/Secondary): G06F-013/00, G09C-001/00, H04L-009/32, H04M-015/00, H04Q-007/38

File Segment: EngPI; EPI;

DWPI Class: T01; W01; P85

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T01-N01C; T01-N02B1B;

W01-A05B; W01-C01D3C

23/5/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012246854 - Drawing available
WPI ACC NO: 2002-186646/200224

Service method for guiding financial transaction and financial goods in real time

Patent Assignee: HAN Y H (HANY-I); KIM M S (KIMM-I)

Inventor: HAN Y H; KIM M S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2001094670	A	20011101	KR 200017102	A	20000331	200224 B

Priority Applications (no., kind, date): KR 200017102 A 20000331

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001094670	A	KO	1	10	

Alerting Abstract KR A

NOVELTY - A service method for guiding financial transactions and financial goods is provided to remove inconvenience for inquiring deposit/withdrawal items of an account and an **account balance** for an **automatic** transfer one by one and cost load according to the inquiry by automatically guiding the deposit/withdrawal items together with automatic transfer information and new financial goods information in real time through a telephone, a cellular phone, a facsimile, or an E-mail of a client.

DESCRIPTION - If a corresponding account balance is larger than amount of transfer money, a host computer of a corresponding financial computer network transmits automatic transfer information to a financial guide server(S33). The corresponding financial guide server detects call information of a corresponding financial guide **service** registration client **using** a transfer **account** number included in **automatic** transfer information, and guides automatic transfer information as a character or voice type according to corresponding call information through a telephone, a facsimile, or an E-mail of a client(S34,S35). If the account balance is less than an amount of transfer money, the host computer transmits automatic transfer information generated in the corresponding account together with information regarding an amount of currently insufficient transfer money to the financial guide server(S36). The corresponding financial guide server detects call information of the corresponding financial guide **service** registration client **using** the transfer **account** number included in **automatic** transfer information, and guides automatic transfer information together with an amount of the currently insufficient transfer money as the character or voice type according to corresponding call information through the telephone, the facsimile, or the E-mail of the client(S37,S38).

Title Terms/Index Terms/Additional Words: SERVICE; METHOD; GUIDE; FINANCIAL ; TRANSACTION; GOODS; REAL; TIME

Class Codes

International Classification (Main): G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A

23/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0011133660 - Drawing available
WPI ACC NO: 2002-070332/200210
XRPX Acc No: N2002-052058

Fare collecting device used in e.g. train system, has calculating unit that computes fare based on extracted route data from ticket which is used when passing through predetermined place

Patent Assignee: NIPPON SIGNAL CO LTD (NIUG)

Inventor: WATABE H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2001307148	A	20011102	JP 2000121208	A	20000421	200210 B

Priority Applications (no., kind, date): JP 2000121208 A 20000421

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2001307148	A	JA	5	5		

Alerting Abstract JP A

NOVELTY - The fare collecting device has a calculating unit that computes a fare based on the extracted route data. An extracting unit obtains the route data based on the data stored in a ticket which is used when passing through a predetermined place to specify the riding routes e.g. transfer station.

DESCRIPTION - The fare collecting device is set inside an **automatic** ticket inspection machine or **automatic account settling** machine to collect corresponding fare.

USE - Used in e.g. train system.

ADVANTAGE - Collects actual fare of actually taken route. Ensures simple writing of route data and other positional data through global positioning system (GPS). Can **use** IC card with radio communication function for mobile **telephone** or portable data processor as ticket.

DESCRIPTION OF DRAWINGS - The figure is a flowchart showing the control action of the fare connecting device. Drawing includes non-English language text.

Title Terms/Index Terms/Additional Words: FARE; COLLECT; DEVICE; TRAIN; SYSTEM; CALCULATE; UNIT; COMPUTATION; BASED; EXTRACT; ROUTE; DATA; TICKET ; PASS; THROUGH; PREDETERMINED; PLACE

Class Codes

International Classification (Main): G07B-015/00
(Additional/Secondary): **G06F-017/60**

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A1; T05-C03

23/5/27 (Item 27 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0010813527 - Drawing available
WPI ACC NO: 2001-430290/200146

Communication network account transfer system that uses main settlement account and multiple supplementary settlement accounts and payment settlement method that uses above system

Patent Assignee: KEE S C (KEES-I)

Inventor: KEE S C

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2001000616	A	20010105	KR 200059370	A	20001009	200146 B

Priority Applications (no., kind, date): KR 200059370 A 20001009

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001000616	A	KO	1	10	

Alerting Abstract KR A

NOVELTY - A payment settlement method that uses above system is provided to create supplementary accounts that normally holds zero balance but receives account transfers from a main settlement account for account payments and returns any remaining balance to the main account and to enable the user to make account transfers by **using** one's wired/wireless **telephone** and connecting to the ARS(Automatic Response System).

DESCRIPTION - An electronic commerce payment settlement method that uses above system is composed of connection, search, selection, and payment. A settlement account member, who possesses both a main settlement account and multiple supplementary settlement accounts, connects to the internet(S101) and to the electronic commerce site for product search or business execution(S102), and searches various product or business information(S103). The member selects a product and makes a business agreement(S104), contacts the predetermined **automatic account transfer** communication network, and makes the account transfer to the supplementary account(S105). The supplementary account counts down the predetermined payment duration period(S106) and makes the payment within the predetermined duration period(S107, S108). If a balance remains after the predetermined time period has expired, an **automatic account transfer** of the remaining **balance** is made(S109, S110, S111). The electronic commerce transaction information is stored in the electronic commerce site's web server and network communication network DB(S112).

Title Terms/Index Terms/Additional Words: COMMUNICATE; NETWORK; ACCOUNT; TRANSFER; SYSTEM; MAIN; SETTLE; MULTIPLE; SUPPLEMENTARY; PAY; METHOD; ABOVE

Class Codes

International Classification (Main): **G06F-017/60**

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A

B. Patent Files, Full-Text

File 324:GERMAN PATENTS FULLTEXT 1967-200917
 (c) 2009 UNIVENTIO/THOMSON
 File 349:PCT FULLTEXT 1979-2009/UB=20090416|UT=20090409
 (c) 2009 WIPO/Thomson
 File 348:EUROPEAN PATENTS 1978-200916
 (c) 2009 European Patent Office

Set	Items	Description
S1	1300043	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-UID(1N) (PRODUCT?? OR FUEL??)) (10N) (CONSUM?? OR CONSUMPTION OR USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2	24198	(RECONCIL? OR SETTLE??? OR SETTLEMENT?? OR RESOVL??? OR RE-SOLUTION?? OR BALANC???) (15N) (RECORD OR RECORDS OR NOTICE OR -NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3	888	S2(5N) (AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4	26240	(NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-ARN??? OR INFORM???) (15N) (ERROR?? OR MISTAKE?? OR PROBLEM?? OR INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCI-ES OR CORRUPT???)
S5	170404	FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION) (5N) (LINE OR L-INES) OR POWERLINE??
S6	632664	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY) (5N) (LOCATION?? OR SITE OR SITES OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR UTILITIES
S7	70258	(AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-LLECT????? OR AMASS?????) (15N) (RECORD OR RECORDS OR NOTICE OR NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8	525975	(COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-Z? OR ANALYS? OR MEASUR?) (15N) (TOTAL OR TOTALS OR NUMBER OR N-UMBERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9	79	S1(S)S3
S10	18	S9 AND IC=(G06F-017/60 OR G06F-0017/60)
S11	29	S9 AND IC=G06F
S12	4	S9(S)S4
S13	27	S9 AND S4
S14	8	S3(S)S4(S) (S5 OR S6)
S15	13	S3(S)S6(S)S7(S)S8
S16	30	S1(S)S2(S)S4(S) (S5 OR S6)
S17	20	S16 AND IC=G06F
S18	74	S11:S17
S19	53	S13:S16
S20	27	S19 AND IC=G06F
S21	49	S11 OR S12 OR S17
S22	46	S21 AND AY=1900:2004
S23	46	IDPAT (sorted in duplicate/non-duplicate order)
S24	45	IDPAT (primary/non-duplicate records only)

24/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00377885

On-line problem management for data-processing systems.

On-line-Problemverwaltung für Datenverarbeitungssysteme.

Gestion en ligne de problèmes pour systèmes de traitement de données.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,

Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

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Morcomb, James Robert, 637 Oakwood Drive, St. Charles, MN 55972, (US)

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Eakins, John James, 1831 15th Street N.W., Rochester, MN 55901, (US)

Emerick, Earl Walter, Rt. 1, Box 108A, Rochester, MN 55901, (US)

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Miller, Gerald Patrick, 1754 Ninth Avenue S.E., Rochester, MN 55904, (US)

LEGAL REPRESENTATIVE:

Lattard, Nicole (16571), Compagnie IBM France Departement de Propriete

Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 333620 A2 890920 (Basic)

EP 333620 A3 910320

EP 333620 B1 950111

APPLICATION (CC, No, Date): EP 89480038 890303;

PRIORITY (CC, No, Date): US 169516 880317

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-011/00 ; G06F-011/22 ;

ABSTRACT WORD COUNT: 84

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPBBF2	704
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CLAIMS B	(English)	EPBBF2	769
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CLAIMS B	(German)	EPBBF2	795
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CLAIMS B	(French)	EPBBF2	960
----------	----------	--------	-----

SPEC A	(English)	EPBBF2	5932
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SPEC B	(English)	EPBBF2	6047
--------	-----------	--------	------

Total word count - document A	6636
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Total word count - document B	8571
-------------------------------	------

Total word count - documents A + B	15207
------------------------------------	-------

INTERNATIONAL PATENT CLASS (V7): G06F-011/00 ...

... G06F-011/22

...CLAIMS entry, and for receiving said code modules into said customer system.

2. A system for **automated** problem analysis and **resolution** of a customer data processor (110), comprising:
a problem **log** (242) stored in said customer processor for holding a plurality of entries containing fields identifying...

...as to extract therefrom a number of problem resolutions matching said search arguments from said **service** requests; and wherein said communications link is **used** for transmitting said **service** requests to said central **service** processor, and for transmitting said problem resolutions to said customer processor.

24/3,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01340774 **Image available**

A MOMENTARY POWER MARKET

MARCHE MOMENTANE DE L'ELECTRICITE

Patent Applicant/Inventor:

STOILOV Georgi Dimov, Gueschevo St., No 68, entrance B, 1379 Sofia, BG, BG (Residence), BG (Nationality), (Designated for all)
STOILOV Dima Georgiev, Lulin district, block 101, entrance A, 1335 Sofia, BG, BG (Residence), BG (Nationality), (Designated for all)
STOILOV Luben Georgiev, Gueschevo St., No 68, entrance B, 1379 Sofia, BG, BG (Residence), BG (Nationality), (Designated for all)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200621058 A1 20060302 (WO 0621058)
Application: WO 2004BG23 20041202 (PCT/WO BG2004000023)
Priority Application: BG 108851 20040823

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17783

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... power or bill. Every one of them controls the value he is interested in.
the **power** or the **energy** supplied, or transferred, or distributed, or consumed and of 715 course the costs or the charges or the liabilities. Client is not any more forced to wait for some body to read meters then to make **billing** and **settlement** for him. By simple procedures Consumers can check their **bills** and can arrange **automated** payments. The simplicity and the other advantages are obvious.

24/3,K/34 (Item 34 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rts. reserv.

00784132

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A
COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN
ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

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, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150947

Main International Patent Class (v7): **G06F-009/44**

International Patent Class (v7): **G06F-009/46**

Fulltext Availability:

Detailed Description

Detailed Description

... present

invention;

Figure 150 illustrates server components receiving service requests;

Figure 151 illustrates a load **balancer** mediating the requests of Figure
150; Figure 152 illustrates a flowchart for a method for...sound, video),
strings to pass strings

FML allows dynamic messages to be sent/received

Automatic **error** logging for Tuxedo components (ULOG, tagent log)

Application code can write to the ULOG with...predictable, well defined
interfaces) can be used in any situation, as long as it's **used** for its
intended purpose. It knows how to perform its **services** without regard
to what's happening outside of its boundaries (e.g., the actions that...

24/3,K/36 (Item 36 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rts. reserv.

00775307 **Image available**

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVELS OF PROCESSES TO EVALUATE OPERATIONAL MATURITY OF AN ORGANIZATION
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A DETERMINER DES NIVEAUX DE CAPACITE D'OPERATIONS POUR DES BESOINS D'EVALUATION D'OPERATION DANS UNE RECHERCHE DE MATURITE OPERATIONNELLE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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WINN Colleen R, 11472 Fairfield Road #103, Minnetonka, MN 55305, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108037 A2-A3 20010201 (WO 0108037)

Application: WO 2000US20353 20000726 (PCT/WO US0020353)

Priority Application: US 99361338 19990726

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 86229

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... distributed storage media (e.g., tapes, disks, etc.) including tile monitoring and controlling of storage **resources** and their **usage**. Mass Storage Management can be viewed as providing the top level of storage management with...

24/3,K/39 (Item 39 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761424

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF

COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES
DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2000/3930 A2 20001207 (WO 00/3930)
Application: WO 2000US14458 20000524 (PCT/WO US0014458)
Priority Application: US 99321360 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149456

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... conveyed verbally. The person is also much more likely to retain that
information. However, a **balance** must be maintained between presenting
information in a manner so as to be more likely...vendor is assigned a
unique indicia coding. Each of the components provided by a vendor
service is indicia coded to indicate which vendor or vendors provide the
services, as performed in...For simple designs, tools such as PowerPoint
are normally adequate. Data flow diagrams may be **used** to show how
clients send messages to **services**. The tools **used** should help
developers to ensure that objects in the diagrams are linked to the
actual...

24/3,K/44 (Item 44 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00303962 **Image available**

AUTOMATED INTERACTIVE BILL PAYMENT SYSTEM
SYSTEME DE PAIEMENT DES FACTURES INTERACTIF AUTOMATISE

Patent Applicant/Assignee:

TELEPAY INC,

Inventor(s):

ROGERS Catherine R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9522113 A1 19950817

Application: WO 95US1131 19950127 (PCT/WO US9501131)

Priority Application: US 94195372 19940214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA
UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8485

Main International Patent Class (v7): **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... never

been presented to the debit networks for a real-time authorization initiated by the **consumer** from a touch tone **telephone** with the debit card number **used** as the transaction vehicle. Additionally, this process has never been done without the requirement of...

...the amount that the debit card network will distribute between TelePay and the payee at **settlement**. The amount of the **bill** that was paid is **automatically** added to the amount that will be credited to the payee at the end of...

III. Text Search Results from Dialog

A. NPL Files, Abstract

File 139:EconLit 1969-2009/Apr
(c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2009/Apr 28
(c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Apr 28
(c) 2009 The New York Times
File 35:Dissertation Abs Online 1861-2009/Mar
(c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2009/Apr 28
(c) 2009 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb
(c) 2009 The HW Wilson Co.
File 256:TecInfoSource 82-2009/Feb
(c) 2009 Info.Sources Inc
File 2:INSPEC 1898-2009/Apr W1
(c) 2009 Institution of Electrical Engineers
File 553:Wilson Bus. Abs. 1982-2009/Apr
(c) 2009 The HW Wilson Co
File 103:Energy SciTec 1974-2009/Apr B1
(c) 2009 Contains copyrighted material

Set	Items	Description
S1	1592812	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-UID(1N)(PRODUCT?? OR FUEL??))(10N)(CONSUM?? OR CONSUMPTION OR USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2	73771	(RECONCIL? OR SETTLL??? OR SETTLEMENT?? OR RESOVL??? OR RE-SOLUTION?? OR BALANC???) (S)(RECORD OR RECORDS OR NOTICE OR NO-TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3	440	S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4	28618	(NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-ARN??? OR INFORM???) (S)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR -INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCIES OR CORRUPT???)
S5	108195	FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION) (5N)(LINE OR L-INES) OR POWERLINE??
S6	1032951	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY) (5N)(LOCATION?? OR SITE OR SITES OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR UTILITIES
S7	144301	(AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-LECT????? OR AMASS?????) (S)(RECORD OR RECORDS OR NOTICE OR NO-TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8	1356208	(COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-

Z? OR ANALYS? OR MEASUR?) (S) (TOTAL OR TOTALS OR NUMBER OR NUMBERS OR TALLY OR TALLIES OR COUNT OR COUNTS)

S9	49	S1 AND S3
S10	0	S9 AND S4
S11	16	S1 AND S2 AND S4
S12	10	S9 AND (S5 OR S6)
S13	410	S1 AND S2 AND (S5 OR S6) AND (S7 OR S8)
S14	65	S9 OR S11
S15	51	S14 NOT S14/2005:2009
S16	50	RD (unique items)

16/5/1 (Item 1 from file: 139)

DIALOG(R)File 139:EconLit

(c) 2009 American Economic Association. All rts. reserv.

743109

TITLE: An Algorithm for Balancing Commodity-Flow Systems

AUTHOR(S): Dalggaard, Esben; Gysting, Christian

AUTHOR(S) AFFILIATION: Statistics Denmark; Statistics Denmark

JOURNAL NAME: Economic Systems Research,

JOURNAL VOLUME & ISSUE: 16 2,

PAGES: 169-90

PUBLICATION DATE: 2004

LANGUAGE: English

AVAILABILITY: <http://www.tandf.co.uk/journals/titles/09535314.asp>

ISSN: 0953-5314

DOCUMENT TYPE: Journal Article

ABSTRACT INDICATOR: Abstract

ABSTRACT: In many cases there is a need to balance commodity-flow system data quickly and with limited **resources**. In order to compile new supply and **use** tables and investment matrices consistent with revised national accounts data, it can be necessary to apply some sort of **automatic balancing** technique. The paper proposes an algorithm that, contrary to RAS, can balance a commodity-flow system with unequal net row and column sums. The algorithm is applied to a recent revision of Danish capital stock estimates.

GEOGRAPHIC LOCATION DESCRIPTOR(S): Denmark

REGIONAL INTEREST: Europe

DESCRIPTOR(S) (1991 to Present): General Equilibrium and Disequilibrium: Input-Output Tables and Analysis (D570)

16/5/6 (Item 5 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 Gale/Cengage. All rts. reserv.

09416364

Maybank, Tenaga in power bill deal

MALAYSIA: TENAGA IN PACT WITH MAYBANK

The Star (XAT) 01 Dec 2000 Business, p.5

Language: ENGLISH

On 30 November 2000, Malaysia's Tenaga Nasional Bhd (TNB) sealed an accord with Malayan Banking Bhd (Maybank) of Malaysia to launch the TNB Autopay recurring payment facility in Malaysia. The new facility will enable

financial entities, Maybank Finance and Maybank credit card subscribers to use their credit card accounts to settle automatically power utility bills of TNB. The processing of the payment bills and the debit of the accounts will be carried out by Maybank in accordance with TNB's instructions. TNB clients who subscribe to the new facility will only be permitted to pay their power bills if the amount is not above RM 1,000 per account. This was noted by Abdul Aziz Peru Mohamed, the consumer banking general manager at Maybank. With TNB Autopay, Maybank has emerged as the maiden entity in its field to launch a recurring payment system to credit card members.

COMPANY: MAYBANK FINANCE; MAYBANK; MALAYAN BANKING; TNB; TENAGA NASIONAL
PRODUCT: Credit Card Services (6020CC); Nonbank Credit Card Firms (6141);
EVENT: Marketing Procedures (24);
COUNTRY: Malaysia (9MAO);

16/5/13 (Item 12 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
04380264

FUELINK OFFERS NATIONAL BUNKERING SERVICE
UK - FUELINK OFFERS NATIONAL BUNKERING SERVICE
Retail Week (RWK) 28 June 1991 p12

Fuelink, a fuel bunkering service, offers a national network of over 160 sites where retailers can buy fuel at a competitive price. Most of the sites are linked to the company's mainframe computer in Manchester, UK, which is able to provide customers with a statement containing a weekly stock-remaining balance, automatic advice on reordering and the number of fill-ups per month. Drivers using the service can also buy oil and have direct access to the specialist rescue service for freight vehicles, AA BRS Rescue. According to Chris Monroe, director and general manager of Fuelink, average saving using the service is between two and four pence per litre. Fuelink is part of the National Freight Corporation.

PRODUCT: Oil Products (2911);
EVENT: LAND USE/PURCHASE/SALES (41);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);
South East Asia Treaty Organisation (913);

16/5/27 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC
(c) 2009 Institution of Electrical Engineers. All rts. reserv.
09253394 INSPEC Abstract Number: B2005-02-6210L-546, C2005-03-5620-030
Title: Design and implementation of an application server load balancing architecture supporting the end-to-end provisioning of value-added services
Author(s): Vlaeminck, K.; Van Hoecke, S.V.; De Turck, F.; Dhoedt, B.; Demeester, P.
Author Affiliation: Dept. of Inf. Technol., Ghent Univ., Belgium
Conference Title: 11th International Telecommunications Network Strategy and Planning Symposium (IEEE Cat. No.04EX833) p.345-50
Editor(s): Kaindl, H.

Publisher: VDE Verlag GMBH, Berlin, Germany
Country of Publication: Germany 464 pp.
ISBN: 3 8007 2840 0 Material Identity Number: XX-2003-03557
Conference Title: 11th International Telecommunications Network Strategy and Planning Symposium

Conference Sponsor: mobilkon austria; Telekon Austria; Deutsche Telekom; Siemens AG Austria

Conference Date: 13-16 June 2004 Conference Location: Vienna, Austria
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P); Theoretical (T)

Abstract: Service providers can offer a wide variety of value added services, such as managed home networking, home-automation and security management, multimedia multiparty conferencing and content delivery. Very often hard- and software from different vendors are **used** to implement these **services**. In most cases, multiple application servers need to be deployed for each service in order to balance the load of the service sessions. In this paper we describe an architecture that offers **automatic load balancing** of service sessions over the available application servers, abstracting from the actual type of the service and its implementation by translating the service and vendor specific request formats into an internal XML format. The load balancing of the service sessions is done taking into account the capabilities of each application server (which service(s) does it implement), its load, and the location of running sessions (a request to join an active session has to be forwarded to the application server running the session). Furthermore, scalability is ensured by organizing the application servers into pools. New application servers can easily be added. (13 Refs)

Subfile: B C

Descriptors: computer network management; multimedia communication; network servers; resource allocation; telecommunication services; XML

Identifiers: application server load balancing architecture; value-added service; service provider; automatic load balancing; service session; vendor specific request format; XML format; distributed scalable management ; service enabling platform; service management architecture

Class Codes: B6210L (Computer communications); B6210C (Network management); B6210R (Multimedia communications); C5620 (Computer networks and techniques); C6150N (Distributed systems software); C6130M (Multimedia)

Copyright 2005, IEE

16/5/29 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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08892330 INSPEC Abstract Number: B2004-04-8150-011, C2004-04-7410B-099

Title: **Implications of power-line communication on distributed data acquisition and control system**

Author(s): Lobashov, M.; Pratl, G.; Sauter, T.

Author Affiliation: Inst. of Comput. Technol., Vienna Univ. of Technol., Austria

Conference Title: EFTA 2003. 2003 IEEE Conference on Emerging Technologies and Factory Automation. Proceedings (Cat. No.03TH8696)

Part vol.2 p.607-13 vol.2

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2003 Country of Publication: USA 2
vol.xxiv+663+ix+795 pp.

ISBN: 0 7803 7937 3 Material Identity Number: XX-2003-03375
 U.S. Copyright Clearance Center Code: 0-7803-7937-3/03/\$17.00
 Conference Title: 2003 IEEE Conference on Emerging Technologies and
 Factory Automation. Proceedings
 Conference Sponsor: IEEE Ind. Electron. Soc.; UNINOVA & Univ. Nova de
 Lisboa-FCT- DEE
 Conference Date: 16-19 Sept. 2003 Conference Location: Lisbon,
 Portugal
 Language: English Document Type: Conference Paper (PA)
 Treatment: Practical (P)
 Abstract: **Automated** meter reading, energy **billing** and energy
 management are applications that are based on and require remote access to
 control networks. Such applications are intrinsically linked to **power**
 -lines and as such suggest **using** the **power** distribution grid not only
 for **energy** transport but also as the communication medium. This paper
 describes a data acquisition and control system for **energy** distribution
 and **consumption using power** -lines and IP-based networks for
 communications. The primary application is meter reading with fine-grained
 resolution both in time and location of **consumption** . The paper describes
 the communication architecture and the **services** provided by the system
 and show how the peculiarities of especially the power-line communication
 influence the design of the interconnection between the two network types.
 Security aspects of the system are also discussed. (12 Refs)
 Subfile: B C
 Descriptors: carrier transmission on power lines; data acquisition;
 energy management systems; invoicing; IP networks; **power consumption** ;
 security of data; telecontrol
 Identifiers: power-line communication; distributed data acquisition;
 automated meter reading; energy billing; energy management; remote access;
 control networks; power distribution grid; energy transport; IP-based
 networks; fine-grained resolution; communication architecture; system
 security aspects
 Class Codes: B8150 (Power system measurement and metering); B7210G (Data
 acquisition systems); B6210J (Telemetry); B6240J (Power line systems);
 C7410B (Power engineering computing); C3370G (Control applications in data
 transmission); C3250 (Telecontrol and telemetering components); C3210G (Data
 acquisition systems for control)
 Copyright 2004, IEE

16/5/31 (Item 6 from file: 2)
 DIALOG(R)File 2:INSPEC
 (c) 2009 Institution of Electrical Engineers. All rts. reserv.
 06310346 INSPEC Abstract Number: B9608-8670-014, C9608-3350N-005
Title: A low cost automatic mill load level control strategy
 Author(s): Hecht, H.M.; Derick, G.R.
 Author Affiliation: Holderbank Eng. Canada Ltd., Mississauga, Ont.,
 Canada
 Conference Title: 1996 IEEE/PCA Cement Industry Technical Conference.
 XXXVIII Conference Record (Cat. No. 96CH35863) p.341-9
 Publisher: IEEE, New York, NY, USA
 Publication Date: 1996 Country of Publication: USA 392 pp.
 ISBN: 0 7803 3014 5 Material Identity Number: XX96-01070
 U.S. Copyright Clearance Center Code: 0 7803 3014 5/96/\$5.00
 Conference Title: Proceedings of 38th Cement Industry Technical

Conference

Conference Sponsor: Ind. Applications Soc. Cement Ind. Committee of the IEEE; Portland Cement Assoc.; Manuf. Process Committee

Conference Date: 14-18 April 1996 Conference Location: Los Angeles, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A low cost control strategy has been developed, which can maintain a mill production near optimum, with little operator intervention. The mill load control strategy is based on the use of classic sensors such as mill sound and recirculating bucket elevator **power** plus the not-so-often **used** mill motor **power**. The heart of the strategy consists of a standard PID algorithm for control; therefore, it is not rule-based or considered an expert system. Because of this, there is no requirement for special hardware or additional computers. The control strategy is integrated into the plant's existing control system which provides training and maintenance benefits. The strategy uses the traditional signals such as mill sound and recirculating bucket elevator power as well as the mill power to determine the mill load level. The load level is defined as the total of the grinding charge and material in the mill. The control strategy attempts to keep this load level as constant as possible. The setpoint for the master controller is derived from the mill motor power. The strategy **automatically** takes into **account** changes in material grindability, grinding charge, material retention time and different product types. Maintaining a mill load level is accomplished by balancing the mill load level against the power-derived setpoint. (0 Refs)

Subfile: B C

Descriptors: acoustic variables measurement; cement industry; electric sensing devices; grinding; industrial control; materials handling; power measurement; three-term control

Identifiers: automatic mill load level control strategy; mill production; mill sound sensors; recirculating bucket elevator power sensor; mill motor power sensor; standard PID algorithm; training; maintenance; grinding charge; master controller setpoint; material grindability; material retention time; cement industry

Class Codes: B8670 (Power applications in glass, ceramic, brick and cement industries); B7230 (Sensing devices and transducers); B7310F (Power and energy measurement); B7320Z (Other nonelectric variables measurement); C3350N (Control applications in glass, ceramics, brick and cement industries); C7420 (Control engineering computing); C3355C (Control applications in machining processes and machine tools)

Copyright 1996, IEE

16/5/41 (Item 1 from file: 553)

DIALOG(R)File 553:Wilson Bus. Abs.

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05131058 H.W. WILSON RECORD NUMBER: BWBA03131058

Flipping the E-Commerce Switch: Five Steps to Payments Automation

Grant, Michael

Engdahl, Stephen F

AFP Exchange (AFP Exchange) v. 23 no3 (May/June 2003) p. 68-71

DOCUMENT TYPE: Feature Article ISSN: 1528-4077

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

RECORD TYPE: Abstract RECORD STATUS: New record

ABSTRACT: Florida **Power & Light (FPL)** **uses** client/server technology to enhance customer **service**, quality, and overall performance, including payments. Payments are handled from multiple sources, among them e-payments, the FPL payment processing center, and independent pay agents. The utility's **automated** approach to online **bill** delivery, payment, financial control, matching, and reconciliation has improved operational performance and reduced the risk of fraud via timely identification of errors and rapid verification of deposits. Details are provided of the five steps involved in FPL's quest to automate its e-commerce chain: online bill or statement delivery, bill payment, payment-to-invoice matching, reconciliation, and exception management workflow.

DESCRIPTORS:

Electric power--Electronic commerce; Electronic bill presentment and payment systems--Case studies

COMPANY NAME: Florida Power & Light Co -- --Information systems

SIC CODES: 4911

SPECIAL FEATURES: il

16/5/46 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec

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04668328 EDB-01-017572

Title: Battling the mountain of billing data : BC Hydro automates billing for its largest customers

Author(s): Doroff, S.

Source: Electrical Business v 36:12. Coden: ELBUAI ISSN: 0013-4244

Publication Date: Dec 2000 p 13

Document Type: Journal Article

Language: English

Journal Announcement: EDB0104

Subfile: ETD (Energy Technology Data Exchange). CANM (Canada (sent to DOE from))

Country of Origin: Canada

Country of Publication: Canada

Abstract: BC Hydro, with a consumer base of 1.5 million, was faced with a decision to replace their antiquated semi-**automated** but non-scalable **billing** system. After rigorous evaluation the utility selected LODESTAR Corporation's 'BillingExpert' system as the billing engine that offered the unique and complex functions and flexibility needed to gain the upper hand over billing and to regain credibility with the utility's consumers and internal stakeholders. The new system performs most functions automatically, yet the utility retains complete control over quality assurance of the billing process. The new system allows BC Hydro to modify rates and riders on the fly; it has also unlocked vital customer data, making it available across the company within days instead of weeks. To leverage the access to customer data, the utility also purchased the 'LoadMap' with 'Bill Calculation' software for calculating the economic impact of alternate-load and pricing options. Using data from [sup B]illingExpert' the sales support group is now able to run 'what if' scenarios to evaluate various load-shaping and load-shifting alternatives as well as pricing models. Other projects in development include a new pilot program for testing time-of-use rates for commercial accounts. The 'BillingExpert' program has also been

implemented for the settlement and billing side of wholesale transmission contracts.
Descriptors: POWER DISTRIBUTION; **ENERGY CONSUMPTION** ; ACCOUNTING;
INVOICES; COMPUTERIZED CONTROL SYSTEMS
Broader Terms: ON-LINE CONTROL SYSTEMS
INIS Subject Categories: S24

16/5/50 (Item 6 from file: 103)

DIALOG(R)File 103:Energy SciTec

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00514720 EPA-05-004325; EDB-79-094185

Title: Tragic failure of energy planning

Author(s): Henderson, C.

Affiliation: Princeton Center for Alternative Futures, Inc., Princeton, NJ

Source: Bull. At. Sci. (United States) v 34:10. Coden: BASIA

Publication Date: Dec 1978

p 15-19

Document Type: Journal Article

Language: English

Journal Announcement: EDB7908

Subfile: EPA (Energy Abstracts for Policy Analysis); TIC (Technical Information Center).

Country of Origin: United States

Abstract: Mr. Henderson states that since President Carter's energy plan presentation of April 20, 1977, the American people and those in the White House and on Capitol Hill have failed to agree on even the rudiments of a strategy for controlling the nation's extravagant **energy consumption** . The most credible explanation seems to be that out of ignorance or perversity most Americans are unwilling to accept either the Carter administration's **warning** that an energy crisis exists, or the impoverishment of their materialistic, energy-driven life-styles which coping with it demands. If this is so, then the future of U.S. energy planning can be forecast with a reasonable high degree of certainty. Mr. Henderson also feels that the energy package passed by the Congress on October 15, 1978, will fail to meaningfully reduce America's still-rising **consumption of energy resources** despite President Carter's euphoric **statement** . Consequently the serious **problems** being exacerbated by this failure, such as our recent **record balance** -of-trade and payments deficits, or the salvaging of the U.S. dollar on foreign exchange markets, will go unchecked. This setback will force the Carter administration to rely on catch as catch can price increases which won't resolve the crisis, and will be viewed by the **energy - consuming** public as just another round of inflation. Within the next two years or so, the deteriorating U.S. energy situation will require that the White House and Congress take firm and immediate action -- most probably the implementation of the nation's Standby Gasoline Rationing Program mandated by the Energy Policy and Conservation Act of 1975 in response to the 1973--74 Arab oil embargo.;

Major Descriptors: *ENERGY POLICY -- EVALUATION; *ENERGY POLICY AND CONSERVATION ACT -- IMPLEMENTATION; *NATIONAL ENERGY PLAN -- EVALUATION

Descriptors: ALLOCATIONS; COMPLIANCE; ENERGY; FAILURES; INFLATION; PLANNING ; USA

Broader Terms: ENERGY POLICY; GOVERNMENT POLICIES; LAWS; NORTH AMERICA

Subject Categories: 293000* -- Energy Planning & Policy -- Policy, Legislation, & Regulation

B. NPL Files, Full-text

File 610:Business Wire 1999-2009/Apr 28
 (c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/Apr 28
 (c) 2009 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2009/Apr 26
 (c) 2009 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

File 20:Dialog Global Reporter 1997-2009/Apr 28
 (c) 2009 Dialog

File 9:Business & Industry(R) Jul/1994-2009/Apr 25
 (c) 2009 Gale/Cengage

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 (c) 2009 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2009/Apr 07
 (c) 2009 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2009/Apr 14
 (c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2009/Apr 02
 (c) 2009 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 23
 (c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Apr 07
 (c) 2009 Gale/Cengage

File 624:McGraw-Hill Publications 1985-2009/Apr 28
 (c) 2009 McGraw-Hill Co. Inc

File 626:Bond Buyer Full Text 1981-2008/Jul 07
 (c) 2008 Bond Buyer

File 484:Periodical Abs Plustext 1986-2009/Apr W3
 (c) 2009 ProQuest

File 47:Gale Group Magazine DB(TM) 1959-2009/Apr 17
 (c) 2009 Gale/Cengage

File 268:Banking Info Source 1981-2009/Apr W2
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 (c) 2008 Dialog

File 625:American Banker Publications 1981-2008/Jun 26
 (c) 2008 American Banker

File 485:Accounting & Tax DB 1971-2009/Apr W3
 (c) 2009 ProQuest Info&Learning

File 75:TGG Management Contents(R) 86-2009/Mar W5
 (c) 2009 Gale/Cengage

Set	Items	Description
S1	10020191	(RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY - OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-UID(1N) (PRODUCT?? OR FUEL??)) (10N) (CONSUM??? OR CONSUMPTION OR USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2	1234306	(RECONCIL? OR SETTLL??? OR SETTLEMENT?? OR RESOVL??? OR RE-

SOLUTION?? OR BALANC???) (15N) (RECORD OR RECORDS OR NOTICE OR -
 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)

S3 10226 S2(5N) (AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)

S4 345086 (NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-
 ARN??? OR INFORM???) (15N) (ERROR?? OR MISTAKE?? OR PROBLEM?? OR
 INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCI-
 ES OR CORRUPT???)

S5 620952 FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION) (5N) (LINE OR L-
 INES) OR POWERLINE??

S6 8165958 (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
 OR TELEPHONE OR GAS OR ENERGY) (5N) (LOCATION?? OR SITE OR SITES
 OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR
 UTILITIES

S7 1180812 (AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-
 LLECT????? OR AMASS?????) (15N) (RECORD OR RECORDS OR NOTICE OR
 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)

S8 2755302 (COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-
 Z? OR ANALYS? OR MEASUR?) (15N) (TOTAL OR TOTALS OR NUMBER OR N-
 UMBERS OR TALLY OR TALLIES OR COUNT OR COUNTS)

S9 1381 S1(S)S3

S10 5 S9(S)S4

S11 1058 S1(20N)S3

S12 150 S9(S) (S5 OR S6)

S13 2 S12(S) (S7 OR S8)

S14 114 S9(S)S5(S)S6

S15 114 S11(30N)S5(30N)S6

S16 9 S9 AND S4

S17 0 S11(S)S7(S)S8

S18 9 S11 AND S7 AND S8

S19 114 S9(S)S5

S20 0 S19(S) (S7 OR S8)

S21 20 S10 OR S13 OR S16 OR S18

S22 134 S19 OR S21

S23 124 S22 NOT S22/2005:2009

S24 45 RD (unique items)

24/3,K/13 (Item 13 from file: 610)

DIALOG(R)File 610:Business Wire

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00483403 20010320079B2488 (USE FORMAT 7 FOR FULLTEXT)

**Ambient Corporation and Bechtel Telecommunications Announce Technical
 Services Agreement and Letter of Intent-Bechtel to Provide Engineering and
 Construction Management Support for Ambient Corporation's Powerline...**
 Business Wire

Tuesday, March 20, 2001 08:04 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 985

...individual homes and businesses can also be used to transmit high-speed data.

Ambient's **Powerline** Telecommunications Technology is designed to enable utilities and power companies to partner with Ambient in creating baskets of utility and **consumer services**. These utility **services** are expected to include such features as **automatic** meter reading (AMR), load switching/ **balancing**, demand management, outage reporting, real-time **billing** and alarm monitoring. **Consumer services** may feature Internet, telephony, video-on-demand, content, and smart appliances. Both baskets of **services** will be achieved using Ambient **Powerline** Telecommunications Technology and existing infrastructure across electric **powerlines**.

Mark Isaacson, CEO of Ambient, stated, "The partnership with Bechtel Telecoms helps position Ambient and...

24/3,K/34 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.
15721652 (USE FORMAT 7 OR 9 FOR FULLTEXT)
(BW) Former New York State Attorney General Robert Abrams Appointed to Ambient Corporation Advisory Board
BUSINESS WIRE
March 21, 2001
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1015

... demand, content, and smart appliances. Both baskets of services will be achieved using Ambient's **Powerline** Telecommunications technology (PLT) across electrical **powerlines** and utilizing existing infrastructure.
Last November Ambient jointly announced with Consolidated Edison of New York...

24/3,K/35 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.
15703120 (USE FORMAT 7 OR 9 FOR FULLTEXT)
(BW) Ambient Corporation and Bechtel Telecommunications Announce Technical Services Agreement and Letter of Intent
BUSINESS WIRE
March 20, 2001
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 973

... of utility and consumer services. These utility services are expected to include such features as **automatic** meter reading (AMR), load switching/ **balancing**, demand management, outage reporting, real-time **billing** and alarm monitoring. **Consumer services** may feature Internet, telephony, video-on-demand, content, and smart appliances. Both baskets of **services** will be achieved using Ambient **Powerline** Telecommunications Technology and existing infrastructure across electric **powerlines**.

Mark Isaacson, CEO of Ambient, stated, "The partnership with Bechtel Telecoms helps position Ambient and...

24/3,K/37 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

(c) 2009 Dialog. All rts. reserv.
15607818 (USE FORMAT 7 OR 9 FOR FULLTEXT)
(BW) Dr. Oleg Vorontsov, PhD. to Join Ambient Corporation Advisory Board
BUSINESS WIRE
March 14, 2001
JOURNAL CODE: BWWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 936

... of utility and consumer services. These utility services are expected to include such features as **automatic** meter reading (AMR), load switching/ **balancing** , demand management, outage reporting, real-time **billing** and alarm monitoring. **Consumer services** may feature Internet, telephony, video-on-demand, content and smart appliances. Both baskets of **services** will be achieved using Ambient's **Powerline** Telecommunications technology (PLT) across electrical **powerlines** and using existing infrastructure.

Last November Ambient jointly announced with Consolidated Edison of New York...

24/3,K/40 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2009 ProQuest Info&Learning. All rts. reserv.
02861559 642332741
Facilitating knowledge sharing in Russian and Chinese subsidiaries: the role of personal networks and group membership
Hutchings, Kate; Michailova, Snezhina
Journal of Knowledge Management v8n2 PP: 84-94 2004
ISSN: 1367-3270 JRNL CODE: JOKM
WORD COUNT: 6682

...TEXT: a great extent, the result of dealing with the permanent shortage of any kind of **resources** and **consumer** goods, poor quality and terrible delays in **service** and as such, blat was an essential lubricant of life. Blat opened doors, forbidden doors...

...networks with their connections. According to Neidhart (2002) these favor banks did not keep formal **accounts** ; the books **balanced automatically** . If someone contributed too little to the network, one lost one's "credit-worthiness". No...

...the environment. There were no dramatic changes or revolutionary transformations. Thus, it was not a **problem** to wait for a returned favor. It would be misleading to believe that **informal** networks are merely a remainder of central planning. They have their cultural roots that are...

24/3,K/41 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2009 ProQuest Info&Learning. All rts. reserv.
00676468 93-25689
Eye on the future
Reznicek, Bernard W; Long, John T; Sherer, Harold N Jr; Sans Crinte, Charles V; et al
Transmission & Distribution v45n1 PP: 34-58 Jan 1993

ISSN: 0041-1280 JRNL CODE: TMD
WORD COUNT: 10405

...TEXT: one-yr power quality pilot project whereby a full-time engineer is assigned to customer **problems** . Monthly meetings are held with commercial and industrial customers. Seminars are scheduled to **inform** customers about how to protect their electrical systems and upgrade their equipment before trouble arises...and provide new services.

Technology will be our ally in 1993 and beyond. From providing **automated** customer **account balance** information to detecting the location of lightning strikes, Union Electric Co. relies on automation to deliver responsive **service** . Using technology, we are "personalizing" our **service** , while increasing reliability and efficiency.

However, the key to achieving this increase is to enhance...

24/3,K/42 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2009 Gale/Cengage. All rts. reserv.
04605326 SUPPLIER NUMBER: 08519638 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Audit software eliminates unnecessary charges. (medical care)
Graff, Corlet
Risk Management, v37, n5, p53(4)
May, 1990
ISSN: 0035-5593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2226 LINE COUNT: 00176

... exception, noting the need for specific medical knowledge. For example, in the case of surgery **bills** , the system **automatically** suspends the **bill** for later review and **resolution** by a registered nurse. Experience has shown that 10 percent to 20 percent of these **bills** require the attention of registered nurses.

Once the system and auditor have determined that the **alert** the bill auditor to potential or known billing **problems** . In some cases this technique is used to route all bills from a provider directly...

...from a red-flag provider, the system automatically displays a red screen with instructions to **alert** the bill auditor to potential or known billing **problems** . In some cases this technique is used to route all bills from a provider directly...

24/3,K/43 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2009 McGraw-Hill Co. Inc. All rts. reserv.
01198446
POWER-LINE, REFINING ADVANCES TAKE PLACE AT DOE'S IDAHO LAB
Bill Loveless
Federal Technology Report, Vol. 9, No. 9, Pg 5
September 6, 2001
JOURNAL CODE: TTR
SECTION HEADING: FEDERAL LABS ISSN: 1042-9158/9
WORD COUNT: 920

TEXT:

...Ambient's technology facilitates the transfer of Internet and high-speed data through ordinary electric **power lines** , the company said. Ambient plans to partner with utilities and **power** companies to create combinations of utility and **consumer services** . The utility **services** would include **automatic** meter reading, load switching and **balancing** , demand management, outage reporting, real-time **billing** , and alarm monitoring, Ambient said.

Consumer services would include Internet access, telephone calls, video-on...

24/3,K/44 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications
(c) 2009 McGraw-Hill Co. Inc. All rts. reserv.
1169672

Promise of power line technology still some distance away in the U.S.

Retail Services Report, Vol. 4, No. 4, Pg 15

April 13, 2001

JOURNAL CODE: RS

SECTION HEADING: TECHNOLOGY

WORD COUNT: 749

TEXT:

...and regulatory support to Ambient.

Ambient is also working with Cisco Systems to develop new **powerline** technology. And last summer, it started working with New York's Consolidated Edison, its only utility partner so far. Ambient says its technology would allow utilities to perform **automatic** meter reading, load switching/ **balancing** , demand management, outage reporting, real-time **billing** and alarm monitoring through the **power lines** . Utilities could also offer **consumer services** like Internet, telephony, video-on-demand, content, and smart appliances.

TABLE:

IV. Additional Resources Searched

NEXIS -

{{(resource* or power or service* or water or electricity or telephone or gas or energy or coal or hydroelectric or liquid w/2 (product* or fuel*)) w/10 (consum! or consumption or use or uses or used or using or usage or utiliz!)) w/30 ((automatic or automatically or automated) w/5 ((reconcil! or settl! or settlement* or resov! or resolution* or balanc!) w/15 (record or records or notice or notices or bill or bills or billing* or statement or statements or account or accounts or log or logs)))) and DATE(<2004-03-26)

No relevant results.